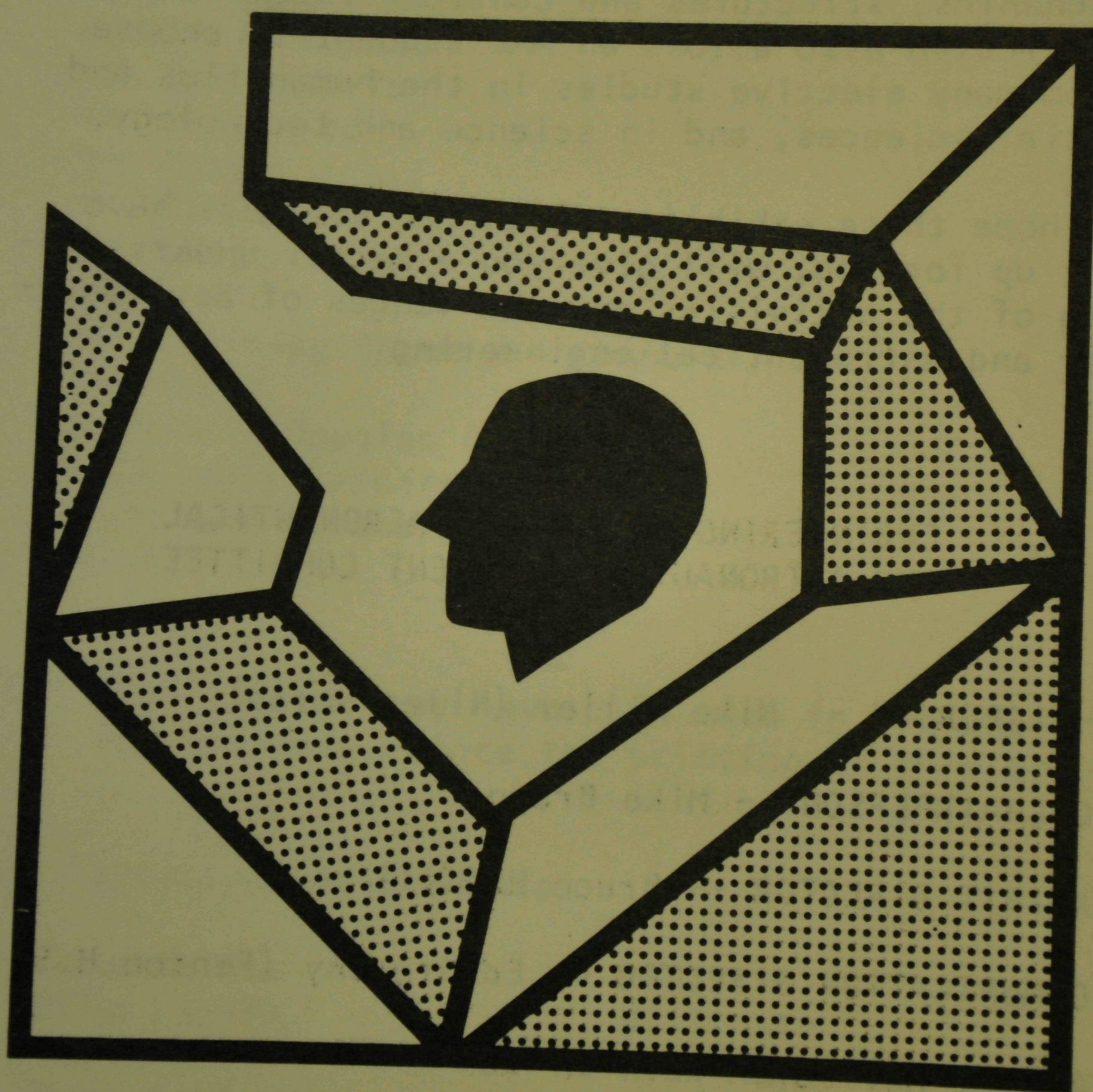
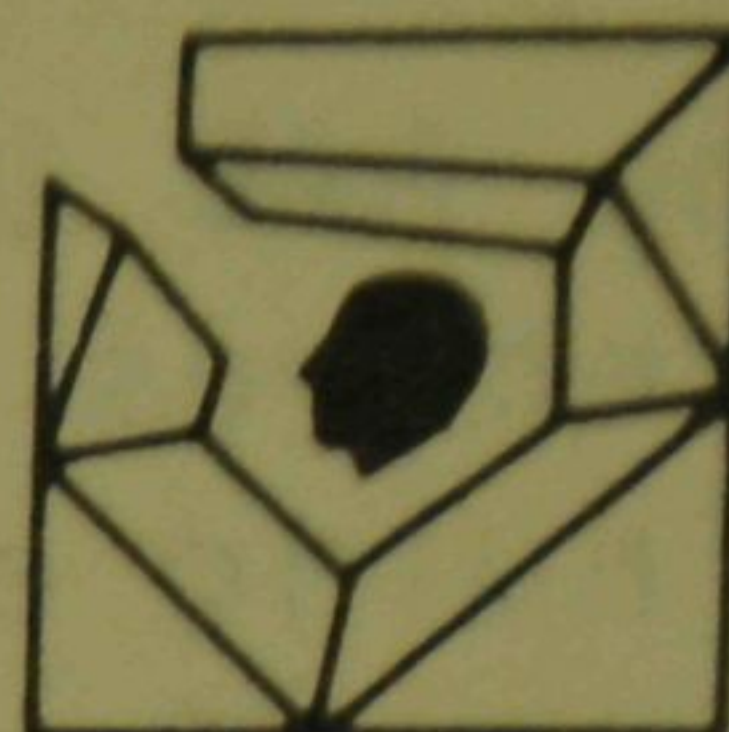


**revolutions
in
engineering**

1976 Engineering Open House



aeronautical and astronautical engineering

The AAE Department of the University of Illinois prepares students for participation in the continuing exploration of space, and in the application of aerospace technologies to the improvement of life on earth. Our AAE graduates consistently make outstanding contributions in the aerospace industry and numerous other industries, as well as in teaching and research. Basic to the AAE curriculum is the study of solid mechanics, propulsion, fluid mechanics, thermodynamics, orbital mechanics, structures and control systems. The curriculum also allows an AAE student to choose from many elective studies in the humanities and social sciences, and in science and technology.

We hope these exhibits, which AAE students have set up for you, will give you a better understanding of the activities and challenges of aeronautical and astronautical engineering.

ENGINEERING OPEN HOUSE AERONAUTICAL
AND ASTRONAUTICAL STUDENT COMMITTEE

CHAIRPERSON -- Mike Miller (Niles North)

CO-CHAIRPERSON -- Mike Bragg

EXHIBIT DIRECTOR -- Bruce Haeffli

COMMUNICATION DIRECTOR -- Ed Stastny (Fenton H.S.)

FACULTY ADVISORS -- A. R. Zak
H. O. Barthel

We would like to thank the following:

Prof. C. E. Bond
Prof. Harry Hilton
Prof. Howard Knoebel
Prof. Robert McCloy
Prof. Kenneth Sivier
Mrs. Artha Chamberlain
Mr. R. F. Brewer
Mr. Robert Fiscus
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Air Training Command - Chanute A.F.B.
Fairchild
McDonnell-Douglas Company
NASA-Lewis Research Center
Pratt and Whitney Company
VEETER

NOTE: Some changes may have been made in projects and personnel since the printing of this program.

Other Participating Students:

Eric Barnes	Paul Kic
Mike Catlin	Bill Malm
Pat Coyle	Rick May
Mark Eshleman	Mark Menarik
Brian Feldman	Steve Prips
Bob Gallo	Mark Ragon
Rick Heedt	John Robezneks
Dave Hoerr	John Vinson

Exhibits	Exhibitors and Their High School
Aerodynamic Demonstrations	
Aerospace Photography	Bill Malm (D.D. Eisenhower)
Analog Computer	Tom Schaeffges
Atmospheric Circulation	Dave Riley (Canton)
Deci-Sonic Wind Tunnel	Greg Page (Momence)
Freon Rockets	Gorden Leidner (Greenville)
Fugoid Motion Generator	Tom Nash (Barrington)
Grand Tour Simulation	Pete Brunn
J-79 Turbojet	
Magnetohydrodynamics	Stephan Haffner (Canton)
Motorcycle Fairing	Rich Rudnicki (Gordon Tech) Ed Stastny (Fenton)
NASA-Lewis Exhibit	
Paper Airplane	Steve Riter (Cary Grove)
Ramjet	
Rocketry	Mark Schneider (Monticello)
Shock Tube and Sound Chamber	
Solar Energy	
Structures	Mike Bragg Greg Page (Momence)
Water Table	John Vinson (St. Joseph) Steve Pripps (Rockford)
Windmill Energy	Phillip Godlewski (Proviso West) Rick May (Mt. Vernon Twins.)